

EU - DECLARATION OF CONFORMITY **19**

We,

Dwyer Instruments, Inc.
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declare under our sole responsibility that our Series 3500 Smart Differential Pressure Transmitter to which this declaration relates is in conformity with the following Directives and harmonized Standards:

Directive 2011/65/EU Restriction of Certain Hazardous Substances in Electrical and Electronic Equipment

Directive 2014/30/EU Electromagnetic Compatibility (EMC)

IEC 61326-1:2013 Electrical Equipment for Measurement, Control and Laboratory Use - EMC Requirements - Part 1: General Requirements

PL-EN 61000-4-2:2011 Electromagnetic Compatibility (EMC) – Part 4-2: Testing and Measurement Techniques – Electrostatic Discharge Immunity Test

PL-EN 61000-4-3: 2007+A1:2008+A2:2011 Electromagnetic Compatibility (EMC) – Part 4-3: Testing and Measurement Techniques – Radiated, Radio-Frequency, Electromagnetic Field Test

PL-EN 61000-4-4:2010+A1:2010 Electromagnetic Compatibility (EMC) – Part 4-4: Testing and Measurement Techniques – Electrical Fast Transient/Burst Immunity Test

PL-EN 61000-4-5:2010 Electromagnetic Compatibility (EMC) – Part 4-5 Testing and Measurement Techniques – Surge Immunity Test

PL-EN 61000-4-6:2009 Electromagnetic Compatibility (EMC) – Part 4-6: Testing and Measurement Techniques – Immunity to Conducted Disturbances, Induced by Radio-Frequency Fields

CISPR 16-1:1997+a1:2000 Specification for Radio Disturbance and Immunity Measuring Apparatus and Methods - Part 1: Radio Disturbance and Immunity Measuring Apparatus

CISPR 16-2:1999 Specification for Radio Disturbance and Immunity Measuring Apparatus and Methods - Part 2: Methods of Measurement of Disturbances and Immunity

Series 3500 Smart Differential Pressure Transmitter with -FP suffix is also in conformity with the following Directives and harmonized Standards:

Directive 2014/34/EU Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres (ATEX)

EN 60079-0:2012+A11:2013 Explosive Atmospheres – Part 0: General Requirements

EN 60079-1:2014 Explosive Atmospheres – Part 1: Equipment Protection by Flameproof Enclosures “d”

EN 60079-11:2012 Explosive Atmospheres – Part 11: Equipment Protection by Intrinsic Safety “i”

EN 60079-26:2015 Explosive Atmospheres – Part 26: Equipment with Equipment Protection Level (EPL) Ga

EN 60079-31:2014 Explosive Atmospheres – Part 31: Equipment Dust Ignition Protection by Enclosure “t”

II 2G Ex ia/db IIC T6/T5 Gb / II 2D Ex ia/tb IIIC T85°C/T100°C Db

EU Type Certificate KDB 17ATEX0056X issued by Notified Body 1453, Główny Instytut Górnictwa (GIG).
Quality surveillance performed by Notified Body 0518, SIRA, Eccleston, Chester, United Kingdom.

Series 3500 Smart Differential Pressure Transmitter with -IS option is also in conformity with the following Directives and harmonized Standards:

Directive 2014/34/EU Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres (ATEX)

EN 60079-0:2012+A11:2013 Explosive Atmospheres – Part 0: General Requirements

EN 60079-11:2012 Explosive Atmospheres – Part 11: Equipment Protection by Intrinsic Safety “i”

II 1/2G Ex ia IIC T5/T6 Ga/Gb / II 1D Ex ia IIIC 105°C Da

EU Type Certificate FTZU 17ATEX0112X issued by Notified Body 1026, Fyzikálné Technický Zkušební Ústav S.P. (FTZU).
Quality surveillance performed by Notified Body 0518, SIRA, Eccleston, Chester, United Kingdom.

The authorized representative located within the Community is:

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On behalf of Dwyer Instruments, Inc.,

Doug McCall
Senior Regulatory Engineer
January 29, 2019

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